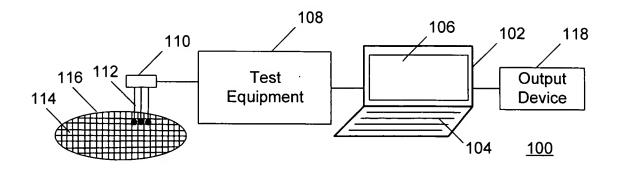
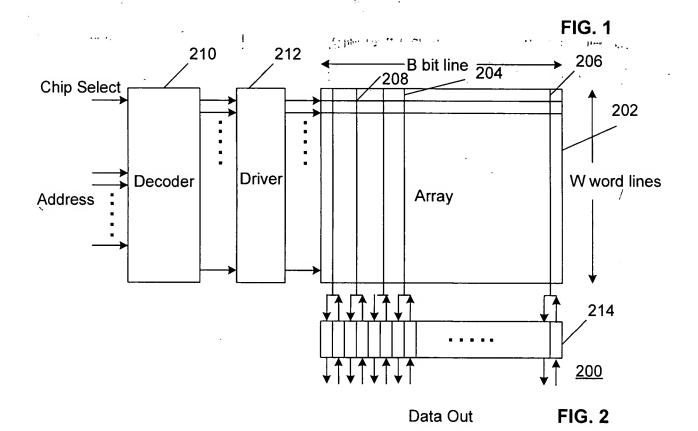
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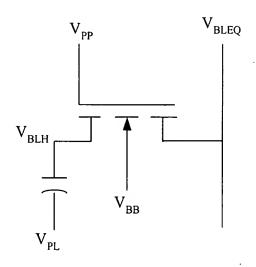
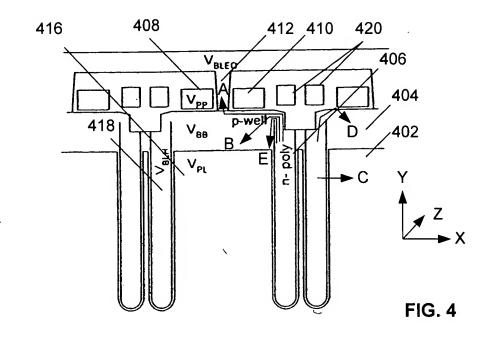
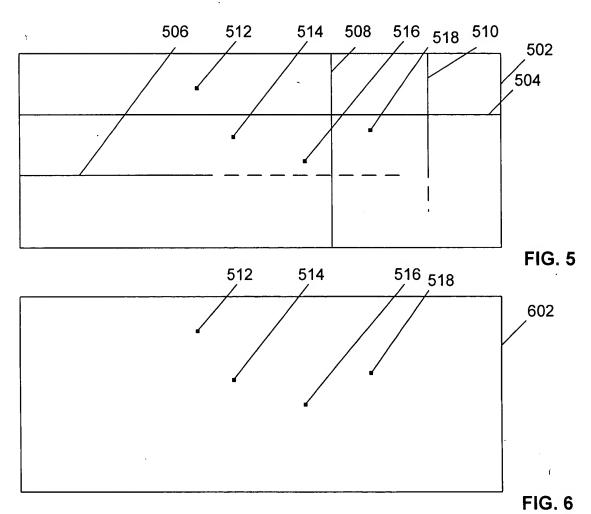


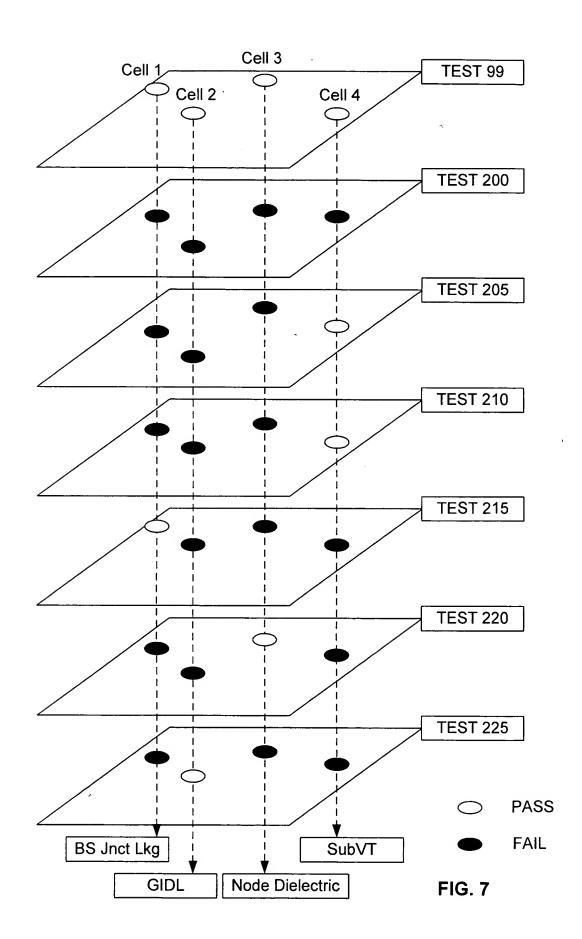
FIG. 3

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		Test Conditions							identified					
lest	Testname	faer [ms]	5padwnq	PWELL Ves [V]	Plate Ve. [V]	Bitline Equalize Veco [V]	Bitline High Vew [V]	BSJ/GIDL	BS Jctn. Lkg.	GIDL	Node Diel.	subV(vert. FET	
99	3VFCN	< <tret< td=""><td>no</td><td>Vbb</td><td>Vpl</td><td>Vbleq</td><td>Vblh</td><td>0</td><td>0</td><td>Ō</td><td>0</td><td>0</td><td>0</td></tret<>	no	Vbb	Vpl	Vbleq	Vblh	0	0	Ō	0	0	0	
200	SIGA0 (nominal)	tRET	no	Vbb	Vpl	Vbleq	Vblh	1	1	1	1	1	1	
205	SIGA1	IRET	yes	Vbb- dVbb	Vpl	Vbleq	Vblh	1	1	1	1	0	0	
210	SIGA2	tRET	yes	dVbb+	Vpl+ dVpl	Vbleq+ dVbleq	Vblh	1	1	1	1	0	1	
215	SIGA3	tRET	yes	Vbb+ dVbb	Vpl	Vbleq	Vbih	0	0	1	1	1	1	
220	SIGA4	tRET	no	Vbb	Vpl+ dVpl	Vbleq	Vblh	1	1	1	0	1	0	
225	SIGA5	tRET	yes	Vbb- dVbb	Vpl- dVpl	Vbleq	Vblh	0	1	0	1	1'	0	
230	SIGA6	tRET	no	Vbb	Vpl- dVpl	Vbleq	Vblh	Х	Х	Х	Х	Х	Х	
330	SIGA7 (cum.)	n.a.	yes	n.a.	n.a.	n.a.	n.a.	Х	Х	Х	Х	Х	Х	

FIG. 8

		Test Conditions							. – induced					
test	Testname	treT [ms]	bumped?	PWELL Vii [V]	Plate Vr. [V]	Bitline Equalize Veleo [V]	Bitline High Vat#[V]	BS Jctn. Lkg.	GIDL	Node Diel.	subVt	ved. FET		
99	3VFCN	< <tret< td=""><td>no</td><td>Vbb</td><td>Vpl</td><td>Vbleq</td><td>Vblh</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tret<>	no	Vbb	Vpl	Vbleq	Vblh	0	0	0	0	0		
200	SIGA0 (nominal)	IRET	no	Vbb	Vpl	Vbleq	Vblh	0	0	0	0	0		
205	SIGA1	IRET	yes	Vbb- dVbb	Vpl	Vbleq	Vblh	1	0	0	0	0		
210	SIGA2	tRET	yes	Vbb+	Vpl+ dVpl	Vbleq+ dVbleq	Vblh	0	1	0	0	0		
215	SIGA3	tRET	yes	Vbb+ dVbb	Vpl	Vbleq	Vblh	0	0	0	1	1		
220	SIGA4	tRET	no	Vbb	Vpl+ dVpl	Vbleq	Vblh	0	0	0	0	0		
225	SIGA5	tRET	yes	Vbb- dVbb	Vpl- dVpl	Vbleq	Vblh	0	0	0	0	0		
230	SIGA6	tRET	no	Vbb	Vpl- dVpl	Vbleq	Vblh	0	0	1	0	1		
330	SIGA7 (cum.)	n.a.	yeș	n.a.	n.a.	n.a.	n.a.	1	1	1	1	1		

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